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| APPLICATION NO.  | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|--|-------------|----------------------|---------------------|------------------|
| 10/522,355   | 01/26/2005  | Uwe Lasebnick        | 17102/013001        | 1412             |
| 22511  | 7590        | 02/20/2007           | EXAMINER            |                  |
| OSHA LIANG L.L.P.<br>1221 MCKINNEY STREET<br>SUITE 2800<br>HOUSTON, TX 77010 |             |                      | FOX, JOHN C         |                  |
|  |             |                      | ART UNIT            | PAPER NUMBER     |
|  |             |                      | 3753                |                  |
| SHORTENED STATUTORY PERIOD OF RESPONSE                                       | MAIL DATE   | DELIVERY MODE        |                     |                  |
| 3 MONTHS   | 02/20/2007  | PAPER                |                     |                  |

Please find below and/or attached an Office communication concerning this application or proceeding.

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

| <b>Office Action Summary</b> | <b>Application No.</b> | <b>Applicant(s)</b> |  |
|------------------------------|------------------------|---------------------|--|
|                              | 10/522,355             | LASEBNICK ET AL.    |  |
| Examiner                     | Art Unit               |                     |  |
| John Fox                     | 3753                   |                     |  |

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

1)  Responsive to communication(s) filed on 02 February 2007.

2a)  This action is **FINAL**.                            2b)  This action is non-final.

3)  Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## **Disposition of Claims**

4)  Claim(s) 1-31 is/are pending in the application.  
4a) Of the above claim(s) 3,5,8-10,13,15,17-24 and 29 is/are withdrawn from consideration.

5)  Claim(s) \_\_\_\_\_ is/are allowed.

6)  Claim(s) 1,2,4,6,7,11,12,14,16,25-28,30 and 31 is/are rejected.

7)  Claim(s) \_\_\_\_\_ is/are objected to.

8)  Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

9)  The specification is objected to by the Examiner.

10)  The drawing(s) filed on \_\_\_\_\_ is/are: a)  accepted or b)  objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)  The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

12)  Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a)  All    b)  Some \* c)  None of:  
1.  Certified copies of the priority documents have been received.  
2.  Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
3.  Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

1)  Notice of References Cited (PTO-892) 4)  Interview Summary (PTO-413)  
2)  Notice of Draftsperson's Patent Drawing Review (PTO-948) Paper No(s)/Mail Date. \_\_\_\_ .  
3)  Information Disclosure Statement(s) (PTO/SB/08)  
Paper No(s)/Mail Date  
5)  Notice of Informal Patent Application  
6)  Other: \_\_\_\_ .

This Action is responsive to the communication filed February 2, 2007.

Claims 3, 5, 8-10, 13, 15, 17, 23, 29 are withdrawn from further consideration pursuant to 37 CFR 1.142(b) as being drawn to a nonelected species, there being no allowable generic or linking claim. Election was made **without** traverse in the reply filed on May 26, 2006. Although applicant listed claims 15 and 17 as reading on the elected species, Figure 4 does not show the subject matter of these claims.

Claims 18-22 and 24 are withdrawn from further consideration pursuant to 37 CFR 1.142(b), as being drawn to a nonelected inventions, there being no allowable generic or linking claim. Applicant timely traversed the restriction (election) requirement in the reply filed on May 26, 2006.

This application contains claims 18-22 and 24 drawn to an invention nonelected with traverse. A complete reply to the final rejection must include cancellation of nonelected claims or other appropriate action (37 CFR 1.144) See MPEP § 821.01.

The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.

Claims 1, 6-7, 12, 14, 16, 27, 31 are rejected under 35 U.S.C. 102(e) as being anticipated by Murawa, of record.

Applicant's arguments have been fully considered but they are not persuasive. Valve body 116b, when in the position shown in Figure 3, forces all flow to outlet 103a, which can fairly be read as an "influence".

Claims 1-2, 4, 25-26 are rejected under 35 U.S.C. 102(b) as being anticipated by Moncourtois et al.

Moncourtois et al show a cleaning nozzle with a piston valve 76.

Applicant's arguments have been fully considered but they are not persuasive. The Montcourtis et al valve is not difficult to understand. It has <sup>an</sup> ~~an~~ inlet 56 and two outlets 94, 82. Column 5, second full paragraph states:

“The compression spring 72 rests against the end wall 90 of the shell 78 and, with the system off, serves to urge the plunger 76 against the O-ring 66 to seal the inlet 56 closed to prevent drainage of standing water from the distribution pipes 12. Aside from preventing the flow of drainage water and consequent waste, this feature assures that the distribution pipe 12 is full when the solenoid valve 10 is moved to the open position, so that all the nozzles 32 will be substantially instantaneously pressurized and open to commence supplying water together as the water pressure simultaneously causes the plungers 76 to move against the compression springs 72 moving the plungers 76 to rest against the faces 90 of end walls 86 of the shells 78.”

This is an explicit disclosure of pressure operation of the valve.

Claims 1, 7, 11, 28, 30 are rejected under 35 U.S.C. 102(b) as being anticipated by Waldrum '065, of record.

The recitation of “cleaning” merely relates to intended use and is given no weight. Waldrum shows a plurality of nozzles 18, an inlet 34, outlets 60 and valve member 48 for influencing flow to the outlets.

Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not

mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to John Fox whose telephone number is 571-272-4912. The examiner can normally be reached on Patent Hoteling Program.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Eric Keasel can be reached on 571-272-4929. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

  
John Fox  
Primary Examiner  
Art Unit 3753